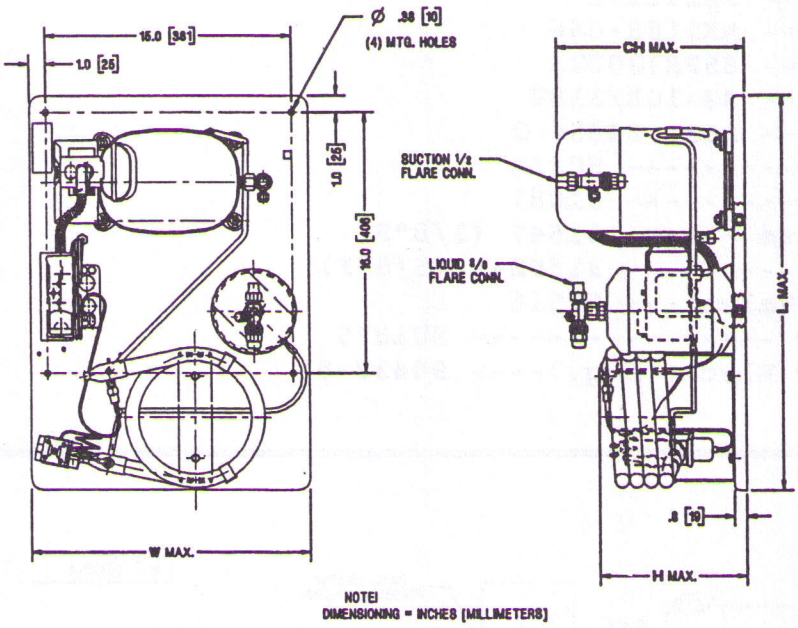
# TECUMSEH HERMETIC CONDENSING UNITS

Date: April 1, 1997

## MODEL AJB7465AXDXW (Formerly AJ7465BW) R-12 3/4 HP WATER COOLED




| Model | Dimensions | | | | *Line Connection | | Pumpdown 90 ° F 90% Full | Air CFM | Oil Chg oz. | Gr. Wt. Lbs. |
|---|---|---|---|---|---|---|---|---|---|---|
| | L | W | H | CH | Suct. | Liq. | | | | |
| AJB7465AXDXW | 24.0 | 17.0 | 9.0 | 12.0 | 5/8 F | 3/8 F | 5.3# | — | 22 | 96 |

*F=Flare, S=Solder, RF or RS= Rotolock Valve with Flare or Solder Connections Use 3/8" Min Pipe Size
Factory charge: 20 psig nitrogen - **MUST BE EVACUATED** **60 HZ Performance** **Water Valve Inlet 3/8" NPT**

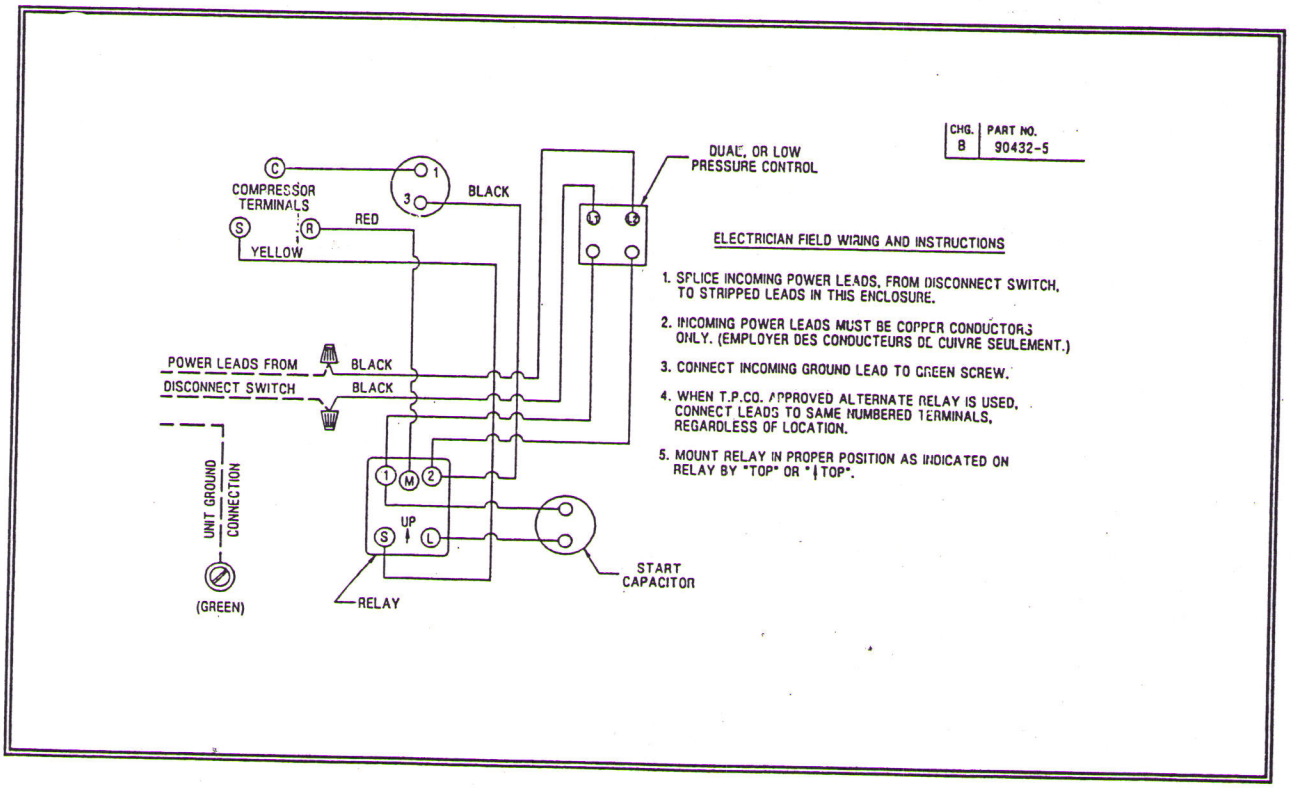
**Performance: Ambient 90° F-Return Gas 65° F-Condenser Water In 75° F-Head 125 psig**

| Evaporator Temp, °F | -10 | 0 | +10 | +20 | +30 |
|---|---|---|---|---|---|
| BTU/HR | 3220 | 4580 | 6220 | 7990 | 9860 |
| Water Usage - gpm | .23 | .42 | .61 | .82 | 1.33 |
| Watts | 645 | 773 | 900 | 1027 | 1153 |

**The water valve should be adjusted to maintain a maximum of 95° F water outlet temperature in order to minimize water scaling within the condenser.**

Date: 4-1-97

| SPECIFICATIONS | AJB7465AXDXW |
|---|---|
| Nominal Voltage | 230/208-60-1 |
| Unit B/M | 2A731-9 |
| Voltage Range | 253 to 187 |
| Min. Circuit Ampacity | 8.8 |
| Max. Fuse Size (Amps) | 15 |
| Compressor Model | AJB7465AXD |
| Bill of Material | AJ201GT-188 |
| RLA/LRA | 7.0/46.0 |
| ESP Overload | P83512 |
| ESP Relay | P82481-1 |
| Int. Rel. Assy. | AE1168-066 |
| Start Cap | 85PS330C23 |
| Rating | 88-108/330V |
| Pressure Controls | Dual 84056-2 |
| Condenser | 50812 |
| Receiver Tank | 51081 |
| Receiver Tank Valve | 31547 (3/8"F) |
| Suction Rotolock | 31552-1 (5/8"F) |
| Water Regulating Valve | 56516 |
| Unit Drawing | SU1875 |
| Schematic or Elect. Dwg. | 90432-5 |




U.L. Listed -----(60 HZ only)----File #SA2372 ----------Card Guide #SGYU
CSA Certified ----------Canadian File #12964C ----------USA File #8873C